

## SPRAY

The sanitary sewerage system in Spray was constructed in 1955 and additional lines were laid in 1964. Prior to the installation of the community collection system, residents of Spray were dependent on individual disposal facilities and privies. In 1945 the hazardous conditions created in Spray by improper sewage disposal caused officials of the Rockingham-Caswell District Health Department to encourage the creation of a sanitary district. The sanitation problem was not solved by the Spray Sanitary District; however, the ground-work laid by the district resulted in the construction of a municipal sewerage system after Spray was incorporated.

The Town of Spray is served by a gravity flow collection system. The network of lines covers the entire incorporated area with the exception of a populated area along Morgan Ford Road in northwestern Spray, the Blue Creek section, and the newest addition to the town, the Grand Oaks subdivision. See Figure 7. In 1960 there were 1009 residences connected to the public sewerage system, 59 houses using septic tanks, and 285 houses without either facility. Plans should be made to extend service to the unsewered parts of town to eliminate the potential health hazard created by the existence of septic tanks and privies.

A fifteen inch outfall laid along Tackett's Branch drains the west side of Spray. The eastern section of town is drained by a twelve inch outfall that follows the Smith River. These outfalls intersect near the mouth of Tackett's Branch. Since Spray does not have a treatment plant, raw sewage is discharged into the Smith River a short distance downstream from the mouth of Tackett's Branch.

The system has been designed and built to take advantage of the natural land fall in Spray. At present no lift pumps are required to overcome topographic obstacles. However, pumping stations may be necessary to serve areas that are presently without municipal sewage facilities.

## MEADOW GREENS SANITARY DISTRICT

The Meadow Greens Sanitary District was created to provide a sewerage system and treatment facilities to serve residents in part of the Central Area. The area included in this